1988

Department of Government Services

89-03083/

Nova Scotia

ANNUAL REPORT

Department of Government Services

Nova Scotia

The Honourable
Lloyd R. Crouse, P.C.
Lieutenant Governor
Province of Nova Scotia

May It Please Your Honour

I respectfully submit, herewith, the annual report of the Department of Government Services for the fiscal year ending March 31, 1988.

I have the honour to be, Sir
Your Obedient Servant,

Michael Laffin

Michael Laffin
Minister

Nova Scotia

The Honourable
Michael A. Laffin
Minister, Department of
Government Services
Province of Nova Scotia

Sir

I hereby present to you the annual report for the Department of Government Services for the fiscal year ending March 31, 1988.

Respectfully Submitted,

M.T. Zareski
Deputy Minister

THE WAY WE WERE

1852
In 1852 we were a Board of Works with a Chairman in charge

1871
A Commissioner of Public Works and Mines was appointed

1877
A provincial engineer was appointed

1877
Annual reports began

1882
The Queen's Printer joined the Office of the Commissioner

1921
The Commissioner was replaced by the Minister

1921
The Department of Mines and Public Works was created

1938
The Department of Mines and Public Works was separated

1938
The Department of Highways and Public Works was created

1955
The Department of Public Works was created

1980
The Department of Government Services was created

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THE DEPARTMENT OF GOVERNMENT SERVICES

Daily Support Services

The responsibilities of the Department of Government Services include:

> providing the daily support services to all government departments, agencies, boards, commissions, Crown corporations and the Legislature

> providing these services directly or through contact with private sector supplies in the most efficient and cost-efficient manner

> operating as the government's landlord in providing accommodation, property maintenance and security services

> developing a wide range of creative information products for public and internal information programs

> acquiring certain furniture, equipment and other supplies required by departments

> the gathering and distribution of government mail, as well as interdepartmental delivery of messages, parcels, and other goods

> the disposal of certain Crown property

> the administration of a government-wide insurance program

> providing stationary and office supplies as well as records storage and inventory controls

> operating the provincial data and micrographics centres

The responsibilities of the Department of Government Services are very diverse. The department provides everything from computer to construction services...from buildings to brochures.

The Department does have the skilled people needed to supply these services on staff. However, we also work very closely with the private sector, as our mandate dictates. Architectural, creative design and construction work as well as the development of software is contracted to the private sector, while staff monitor this work.

In short, the Department provides the support services the government requires to operate effectively on a daily basis.

DESIGN AND CONSTRUCTION SERVICES

Building for Tomorrow

The responsibilities of Design and Construction Services include:

> providing the architectural and construction management services for construction and alterations to all government buildings

> providing the architectural conception, evaluation and design work necessary for construction projects, either directly or through the private sector

> supervising the developm ntal phases of building projec .

> supervising the tender call and all aspects of contract administration

> providing the renovation, alteration and repair of existing facilities

> providing the engineering and technical resources for the design, construction, operation and maintenance of all government-owned buildings

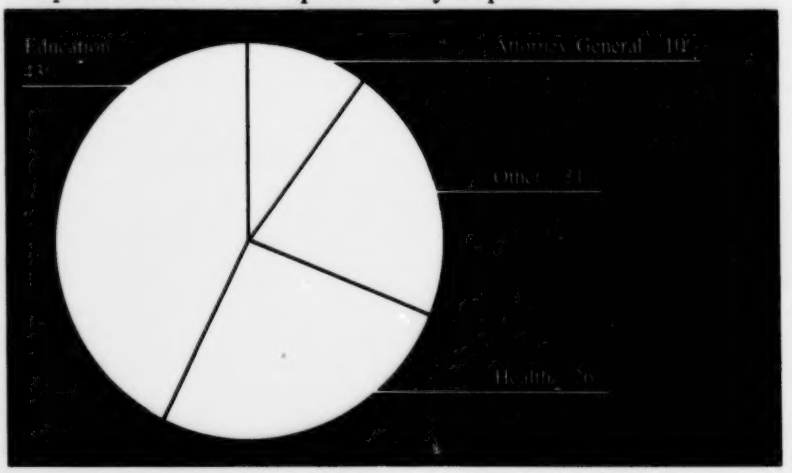
> providing the consulting services for the installation, operation and repair of the specialized structural, mechanical, electrical and allied engineering facilities for all government departments

When the government requires a new school or hospital, or must have alterations done to an existing building, Design and Construction Services is called upon to fulfill those needs.

As the role of government changes—so do the needs of government. Our employees must stay abreast of state-of-the-art design, construction and engineering techniques in order to meet the challenges of the government's building requirements.

The requirements of the government were very diverse in the past fiscal year. Construction was completed on 29 major capital projects with a total value of $93,828,747.

Capital Construction Expenditure by Department



Overview

There were 58 major capital projects with a total estimated value of $315,835,000 under design. Design was completed, tenders called and construction contracts were awarded on 25 major capital projects with a value of $54,622,000. Construction continued from previous years on 29 major capital projects with a value of $117,455,000. Construction was completed on 29 major capital projects with a total value of $93,828,747.

Many of the projects undertaken by Design and Construction were unique. One such project was the Nova Scotia Youth Facility in Waterville. In March 1988, construction of this project was nearing completion. This marked the end of a two-year program of design and construction that went into creating this special facility.

The need for this facility arose when the Young Offenders Act was passed by the federal government. Part of the Act stipulated that young offenders aged 12 to 17 had to be separated from adult inmates—therefore the need for this facility became an urgent priority.

As construction neared completion, the project had already received attention from national and international groups involved in the rehabilitation of young offenders. The Youth Facility has been recognized as a very forward step in this process.

Another new project under construction this year is actually the revitalization of a very old facility. The old Dominion Building on Cheapside in Halifax is now recognized as the Art Gallery of Nova Scotia. The transformation of the Dominion Building into the Art Gallery was a monumental challenge for all involved. The structure has remained intact while the interior has been totally refurbished to become a modern art gallery.

A separate contract on the same building included the refurbishing of the exterior stonework. This was carried out under the province's Apprenticeship program. Under the program, apprentice stonemasons continued to learn the art of stonemasonry as they worked on restoring the Dominion Building to its former glory.

Yet another project of special status is the design and beginning of construction of the Central Services Building on Young Street in Halifax.

As our mandate dictates—we provide services to other departments and spend a lot of time building schools, hospitals and other special projects as they are required. The Central Services Building is unique in that this building will be used for our own department. The Central Services Building will transform the old Liquor Commission warehouse into a facility that will house several sections of Government Services.

Highlights

> On December 7, 1987 a ceremony to mark the restoration of Province House was held. Design and Construction was involved in the management of this very special three-year project. Apprentice stone masons were taught the art of stonemasonry while restoring Canada's oldest seat of government.

> Engineers from Design and Construction designed and installed the support systems and the space to accommodate the Victoria General Hospital's Lithotripter in 1987. This device disintegrates kidney stones via shock waves which eliminates the need for surgery in many cases. This is the second unit of its kind in Canada.

> Site preparation has begun for the new Museum of Industry and Transportation to be located in Stellarton. One of the most interesting aspects of the museum project is the relocation of the Cornish Pump House. This abandoned pump house was used to pump water from the underground coal mines in the last Century, and is to be moved approximately 200 feet to accommodate a highway bridge. The pump house will become the focal point of the museum building and surrounding grounds.

New Initiatives

> When the Central Services Building is completed in the spring of 1989, the project will house computer services, the Queen's Printer, the Stationery Stockroom, the Records Centre, the Creative Services section as well as archives storage, and shops for mechanical and electrical employees. This will result in improved communication, co-ordination and productivity.

FINANCE AND ADMINISTRATION

Financial Managers

The responsibilities of Finance and Administration include:

> providing the financial, administrative and personnel support services for the entire department

> providing the accounting and financial reporting systems

> providing the centralized processing of invoices

> providing budget co-ordination with other divisions

> developing and implementing a wide range of personnel and payroll management services

> providing the recruitment, selection and human resource training as required

> providing compensation and salary administration

> monitoring performance appraisals, as well as organizational reviews and development

> implementing and managing the department's Records Management Program through the Central Registry

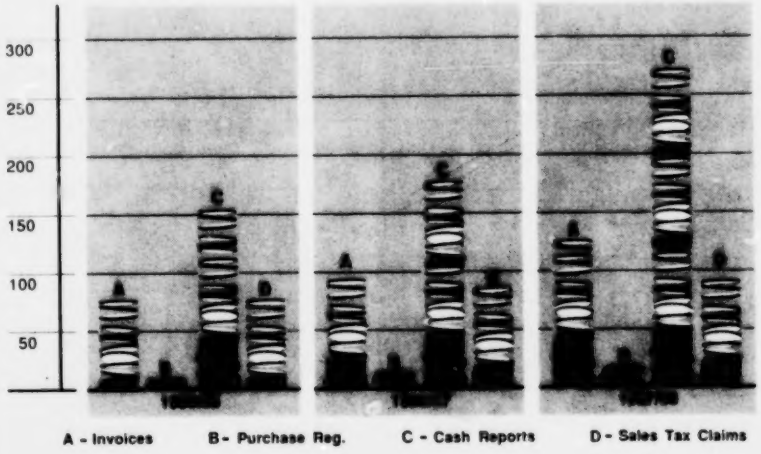
> managing space utilization, equipment acquisitions, the vehicle fleet and furniture inventory records for the department

Effective management is essential to any operation—and that is equally true for the Department of Government Services. These administrative and financial support services are provided to the department by two sections: Financial Management, and Personnel and Administration.

As a support group, it means that as activity increases in other divisions—our work increases. This requires a greater effort on the part of staff to ensure the department continues to run smoothly.

During the past year, staff did see a substantial increase in the number of invoices processed—up 35 percent over the previous year. Also, the number of purchasing requisitions processed through the section rose by 50 percent.

Workload Figures From 1985 to 1988



Overview

The past year proved to be an extremely active one for the **Financial Management** section. The number of invoices processed for payment increased by 35 percent over the previous year for a total of 125,500. There were 15,792 purchase requisitions processed in the amount of $80 million in ordinary expenditures and $300 million in capital expenditures. This section also saw a 55 percent increase in the number of cash reports processed for 1987-88, for a total of 271. Also, there were 90 receivable sales tax claims—an increase of six percent—processed through Revenue Canada.

It was an equally busy year for the **Personnel and Administration** section. The total training expenditure for 1987-88 was $24,374, much of this expenditure was needed to educate staff on newly implemented computerized systems.

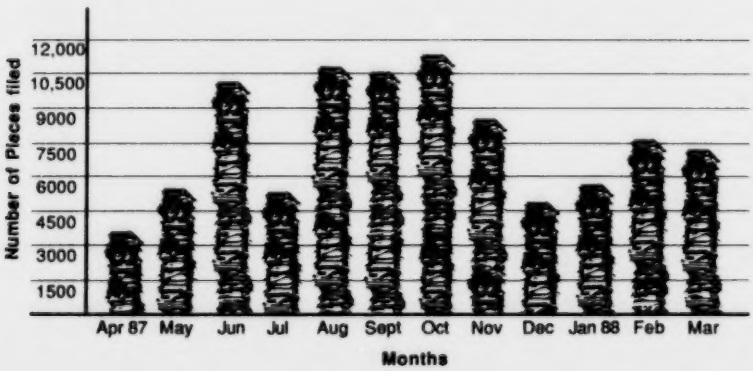
The number of selection boards held to restaff positions in the department during the year was 29. Multiple selections were made, particularly at the entry levels in data processing. There were 37 new employees hired and 14 employees were promoted within the department. During the summer months, this section co-ordinated the placement of seven students.

The position of Manager of Administration was created. This position will deal with the centralization of common services throughout the department, such as the Central Registry.

The Records Management Program experienced a very successful year. By year-end, 90,855 pieces of information were processed, and 3313 files were created in the Central Registry. Approximately 92 percent of the Registry's activity involved the filing systems. The Registry processed an average of 7571 pieces of filing each month—an increase of 900 percent over the previous fiscal year.

There was 5,045 requests for files in 1987-88, an increase of 200 percent over the previous year. This is an average of 420 files requested per month. By year-end, 115 boxes of old records had been sent to the Records Centre for storage, and a further 219 boxes were destroyed. Thirteen boxes were sent to the Nova Scotia Public Archives.

Central Registry Statistics 1987/88



Highlights

> The budget process for the 1988-89 fiscal year was conducted under the government-wide computerized budget register. This has enabled the Financial Management section to obtain a variety of statistical reports which had previously been unavailable.

> Eight employees of the department were honoured for 25 years of service to the government. Long Service Award Ceremonies were conducted and presentations were made by the Lieutenant Governor, the Honourable Alan R. Abraham to Mr. George R. Lemoine, Mr. Gerald M. Sturdy, Mr. Leonard R. Arenburg, Mr. William R. Lester, Mr. Ronald V. Rennehan, Mr. George C. Sanford, Mr. William J. Wedge,.and Mr. George O. Zwicker.

New Initiatives

> Plans are underway for the Financial Management section to implement a computerized mail-room tracking system. This will provide for easy location of cheques and invoices as they flow through the system.

> To facilitate a more efficient payment system for recurring payments, an automatic payment process is being investigated.

> In accordance with the Nova Scotia Government Records Program, Central Registry has begun to develop the foundation for automating the present record keeping system.

PROPERTY AND OPERATION SERVICES

The Government's Landlord

The responsibilities of Property and Operation Services include:

> acquiring and managing all government-owned and rented properties under the direction of the Space Utilization Committee

> providing or obtaining the expertise in planning the layout and design of premises to ensure space is properly utilized

> disposing of surplus crown assets

> providing for the acquisition of real property for client departments when necessary

> providing the custodial services, elevator maintenance, refuse and snow removal and other first-line maintenance duties along with day-to-day preventative and corrective maintenance

> providing the technical consultant services as required

> implementing the systematic movement of government departments with a minimum of interruption to daily routine as required

> monitoring and verifying capital asset inventories, and redistributing these assets

> providing a records storage and retrieval centre

> providing the government with mail and messenger services

> operating a government-wide insurance program

A government cannot work effectively unless it has the proper accommodations and equipment to carry out its day-to-day activities. Property and Operation Services ensures the efficient operation of government through four sections: Property, Building, and Operation Services and Insurance and Risk Management.

The wide range of our responsibilities requires a cohesive effort on the part of staff—to ensure that client departments are getting the best value for their money. By centralizing the common services provided to government, such as the Stationery Stockroom, direct costs are reduced.

In the past year, Property and Operations has seen an increase in the demand for the services provided. In 1987-88, 107 leases were renewed, 18 new leases were acquired and set up, and 18 government facilities were relocated. In the Stationery Stockroom, 567,070 items were issued.

Overview

In proportion to the growth of government, the demands placed on **Building Services** have grown, and have required increased efficiency. During the past year, consultant services were provided to several departments regarding their heating, ventilation and air conditioning equipment. Technical expertise was also provided regarding the proper maintenance of elevator systems for client departments.

Building Services also assisted in determining training requirements for personnel operating and maintaining provincially owned properties. As well, assistance was provided to other departments in staffing technical positions in the heating, ventilation and air conditioning fields.

As our buildings age and government expands, new services are required. As a result, a preventative maintenance program is being implemented which involves all cleaning and maintenance personnel. To keep costs in line, cost control procedures have also been implemented.

Property Services also saw an increase in activity. This section renewed (through negotiation) 107 leases, acquired and set up 18 new leases, relocated 18 government facilities and upgraded numerous offices.

Staff also worked very closely with other divisions of the department in acquiring land for school and hospital projects.

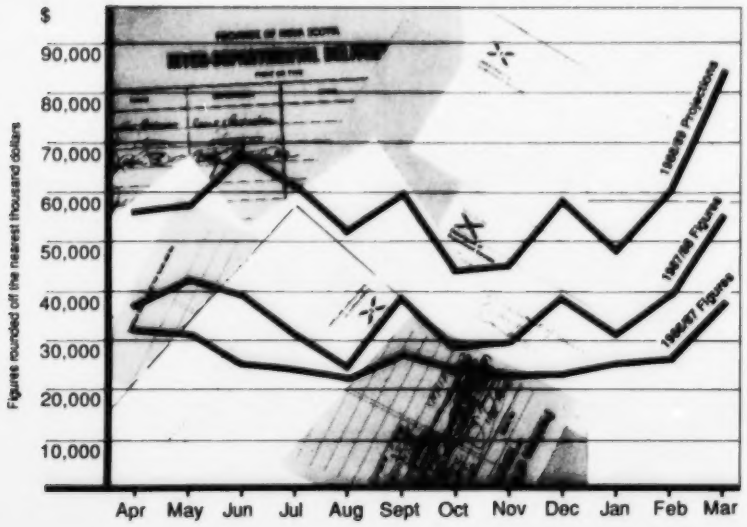
The computer system has also been upgraded in Property Services allowing faster access to required information.

Operation Services, which comprises four independent operations, has been equally active this past year. The four sections included under Operation Services are: Inventory Control, the Stationery Stockroom, the Mail/Messenger Service and the Provincial Records Centre. There is also a satellite inventory warehouse in Sydney—serving the Cape Breton region.

Major savings have resulted from the centralization of common services provided to clients. In the **Stationery Stockroom**, buying power has been increased through bulk purchasing. Since stationery requirements are stored in the stockroom, the need for expensive storage space in all departments is eliminated.

In the past year, 567,070 items were issued, which was an increase of 14 percent over the previous year. Total costs were $1,576,209.57. These items were issued to clients on 9,613 requisitions—an increase of

Mail/Messenger Service



15 percent over 1986-87. The computer system has been modified to include an additional memory capacity, an extended history and various reports to meet expanding needs.

In the **Provincial Records Centre**, total carton storage has grown to 23,372. This translates to 1,168,600 files stored. There has also been an increase in the number of files requested and delivered.

The past year has been one of activity and change for the **Inventory Control** section. Though this section acts mainly as an auditor of the government's capital asset inventories, it is also responsible for ensuring maximum use of surplus capital assets, and has added the new responsibility of asset acquisition management.

In 1987-88, Inventory Control requisitioned and verified delivery of furniture and equipment for 15 new school projects, one provincial resort expansion, one youth training centre, one resource centre and the Nova Scotia Nautical Institute. The total dollar value was in excess of $5.2 million, an increase of $1.2 million over the previous fiscal year.

With the introduction of micro computers came the introduction of a "common user" computerized inventory system—which will be used government-wide. The redistribution of capital assets within government has increased 100 percent over the past four years. The increase in redistribution can be attributed to the government's policy on departmental co-operation in the redistribution/recycling of all surplus assets. Now, other departments are able to utilize surplus assets through the centralized inventory and surplus disposal program.

Four million pieces of interdepartmental mail are handled by the Messenger service. The courier runs to Sydney and Yarmouth increased to 13,083 items—which is an increase of 70 percent over the previous year. The total number of letters and parcels processed for the past fiscal year reached 4.2 million. This is an increase of 57 percent.

Insurance and Risk Management maintained and administered a total of 207 insurance policies for 1987-88. These policies protect against the risk of financial loss to the province on owned and leased property and equipment, specialized computer equipment as well as elevators, boilers and machinery, motor vehicle liability, aviation, marine, accident and bonding exposures.

The total cost of the insurance, which was purchased through licensed brokers and insurance companies totalled $893,851. This is a decrease of $50,049 from the previous year on insured values in excess of $1 billion.

Highlights

> A successful lawn and turf care maintenance program—which included the Digby Pines golf course—was implemented by Building Services. This section is also supervising the construction of the Northumberland golf course.

> Property Services has implemented an office facility in New Glasgow housing five government departments under one roof. In this way, the pubic can enjoy "one stop shopping" when dealing with different government departments, while the province saves money by sharing common services.

> In accordance with the Occupational Health and Safety Act of Nova Scotia, the Stationery Stockroom began to issue safety boots and clothing to relevant employees. This program has been developed to enable the Stockroom to provide this service to all departments when required.

> The Records Centre is doing its part in the paper recycling effort. Three people have been hired from the Adult Service Centre who have the responsibility of sorting the paper so it can be shredded, bailed and sold to the local paper recycling company.

> This year marked a step forward in the disposal of surplus capital assets through Inventory Control. Items that were destroyed or sold by tender in the past, are now sold by public auction. This new practice has resulted in a substantial increase in the price received for these items.

> Inventory Control assisted many departments including the Department of Municipal Affairs and the Nova Scotia Commission on Drug Dependency in recycling surplus items and refinishing existing furniture. This has also resulted in substantial savings for the province.

> The Mail/Messenger Service successfully operated an alternate postal delivery service throughout the Canada Post strike, in co-operation with several other departments.

> The Mail/Messenger Service assumed the mailing functions for the Department of Community Services.

New Initiatives

> The Inventory Control section has developed a centralized approach to the acquisition of quality office systems. This centralized approach has resulted in major discounts and efficient product purchases for the province.

> In keeping with the policy of using surplus items within government, Inventory Control is looking to the development of a program to repair, refinish or upholster furniture and equipment.

PUBLISHING AND CREATIVE SERVICES

Effective Communicators

The responsibilities of Publishing and Creative Services include:

> developing a wide range of creative information products, such as brochures, posters and annual reports for various public and internal information programs for all branches of government

> providing the creative design, editing/writing, typesetting, publishing and printing services for these information programs either directly or through the private sector

> providing the printing and binding services through the Queen's Printers' two plants for provincial statutes, Journals of the House of Assembly, Hansard, Consolidated Acts, Revisions, official reports and Part II of the Royal Gazette

> the printing of reports and letterhead stationery for all government departments

> providing the design, panel photography, illustrations, graphics, silk screening, and custom displays and exhibits for all government departments to enable them to participate in trade shows, special events and window displays

> providing space for these exhibits and displays when required

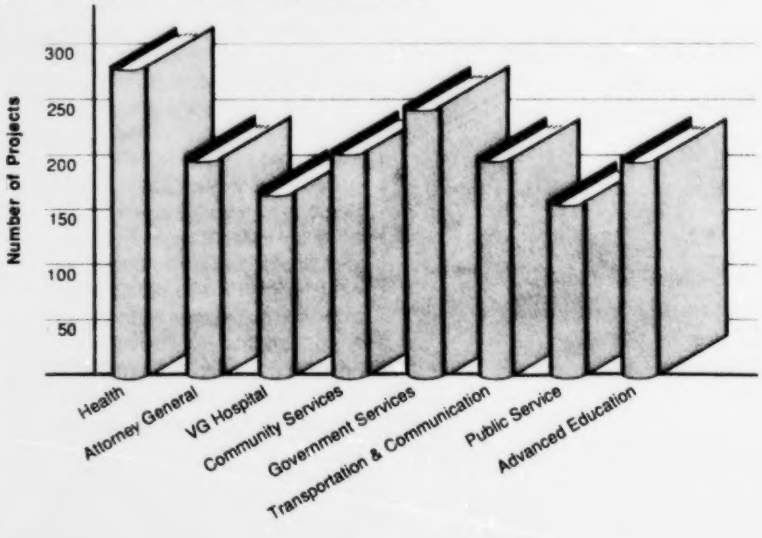
Handling the government's information needs is a diverse and ever-changing responsibility. Publishing and Creative Services carries out this responsibility through three sections: Publishing, the Queen's Printer and the newest addition to the division, Exhibits and Displays.

As in other sections, in-house staff work very closely with the private sector to ensure the client's budget and our standard of quality is being met. Since the government's information needs are constantly changing, we are constantly improving and expanding the services we offer.

In the past year, the division handled almost 3,000 publications and print items valued at over $2 million. Exhibits and Displays worked on over 140 projects while the Queen's Printer ran 42 million impressions.

Publishing Projects By Department

Only Departments with 140 or more projects are shown.



Overview

In the past year, the **Publishing** section saw an overall increase in the amount of projects approximately 3,000 valued in excess of $2 million were handled. While the amount of projects increased...the range has never been more diverse.

Since the desktop publishing system was introduced in 1987, use of this service has increased dramatically. Numerous publications were produced on the system, ranging from newsletters, brochures, and annual reports to large manuscripts.

The editorial staff has doubled. The two editors are now able to offer expanded writing, editorial and research services, and are able to supply these services twice as fast.

The graphic designers and forms analyst have continued to provide the finest design concepts for everything from posters, visual identities and book design to business forms, and large manuscripts.

Publishing's typesetter, desktop operator as well as production staff work very closely with in-house and freelance designers and writers to ensure clients' needs are met efficiently and economically.

The co-publishing service continues to flourish. This service—introduced in 1984—is offered to private sector book publishers who respond to proposals inviting them to co-publish with the government on a joint equity basis. The books can either originate with the government, or be commissioned by the government. The final publication has a broader appeal to the general public—or is a "trade book" as it is known in the publishing industry.

There was also an overall increase in production at the **Queen's Printer** during the past year. The satellite plant in Truro ran seven million impressions while the Halifax plant ran 35 million impressions for a total of 42 million. That's an increase of four million over last year.

Even though production increased, the amount of time needed to provide printing services did not, thanks to high speed copiers. This was especially important when the House of Assembly was sitting for extended hours. Because of the extended hours, the Queen's Printer had less time to print Hansard (the written proceedings of the House of Assembly) and there was also more material to print. However, no deadlines were missed, and Hansard was always ready for the next sitting day—even when one issue of Hansard was 190 pages long.

Of course, the Queen's Printer continued to provide for many of the government's printing needs (such as reports, brochures, envelopes and office stationery) in the most cost-efficient manner. In fact, there has not been an increase in costs at the Queen's Printer in four years. The goal has been to keep the cost at just three cents an impression, and the Queen's Printer has met that goal while providing their services at a faster rate.

Although **Exhibits and Displays** is new to the division—their work has been showcased around the province, and in trade shows in Canada and the United States. Over 140 projects were handled last year, once again a substantial increase over the previous year.

The province was represented for the first time at the International Minerals Conference held in Boston. Nova Scotia's mineral resources and vast opportunities were promoted as a result of the display, which included dukratranz photography, models and display models.

This year saw the completion of the exhibit at McGowans Lake Fish Hatchery. Exhibits and Displays provided the models, aquarium and video section which is open for public viewing year-round.

In the past year, there was a large increase in the demand for signage. This increase can, in part, be attributed to the province's Visual Identity Program (VIP). The program was first introduced in 1983, and provides a consistent, corporate look to all government departments, boards and agencies. When people see the VIP symbol, they know the Government of Nova Scotia is at work for them.

Highlights

> The co-publishing venture with Nimbus Publishing which produced ***Following the Sea***, was one of the best selling books in Canada for twelve weeks.

> The outfits that will proudly be worn by the province's athletes and staff attending the Jeux du Canada Games in 1989 were designed by a Nova Scotian. The designer was commissioned and the manufacturing process co-ordinated by Publishing for the Nova Scotia Sport and Recreation Commission.

> The successful publicity campaign which recovered $10,000 in OR greens for the Victoria General Hospital was created, written and designed by Publishing's staff, and was the recipient of an award of merit for graphic design by *Studio Magazine*.

> Publishing has worked closely with architects, stone masons and the Board of Governors of the Art Gallery of Nova Scotia in developing and implementing a comprehensive visual identity package for the new Art Gallery as well as for the opening ceremonies.

> The Queen's Printer set a record over the past year. They produced the ***Free Trade Book***, which included over 480,000 impressions in just one weekend, thanks to high speed copiers and dedicated staff in Truro and Halifax.

> Once again, Exhibits and Displays provided the backdrop for the Province of Nova Scotia at the Boston Seafood Show. This show is the largest of its kind in North America, and is one of the top four in the world. The province's display was very well received and the response indicates it was the best showing ever.

> Displays and Exhibits was pleased to supply a major display, with a life size greenhouse and working models of wood lots, to the National Forestry Conference held in Quebec City.

New Initiatives

> The ordering process has been streamlined in Publishing. By amalgamating the ordering of common forms (such as business forms and letterhead) clients save time and money.

> Publishing's comprehensive new filing system is now in place. When clients need a reprint, artwork is readily available.

> With Publishing's new Omnicrom color transfer system—clients are provided with color mock-ups. Now it is easier for clients to visualize what the finished product will look like.

> The Queen's Printer has installed a silver plate maker. This means sharper print, without the cost of plates and negatives.

> The Queen's Printer has also been on the move. They are now in their new and much more accessible location on Young Street. Thanks to the co-operation from other personnel of the Department (such as the electricians, plumbers and carpenters) this major move was completed in just one weekend, without any interruption of service.

> Displays and Exhibits is now in the process of centralizing all provincial displays. This means a much more comprehensive catalogue of the displays and resources that are available.

SYSTEMS AND COMPUTER SERVICES

Information Processors

The responsibilities of Systems and Computer Services include:

> the centralized delivery of data processing, micrographics and telecommunications services to government

> managing and operating the government's shared information processing facilities including the Provincial Data Center, Micrographics Center and the Data Communications Network

> providing operational support, guidance and assistance as well as acquiring the equipment for the above services

> developing information systems plans and defining system requirements

> developing computer systems that will operate in the central computing environment

> providing the ongoing support and maintenance for central systems

> preparing and managing tenders for studies, equipment acquisition and for contracted system development

> providing the data administration function

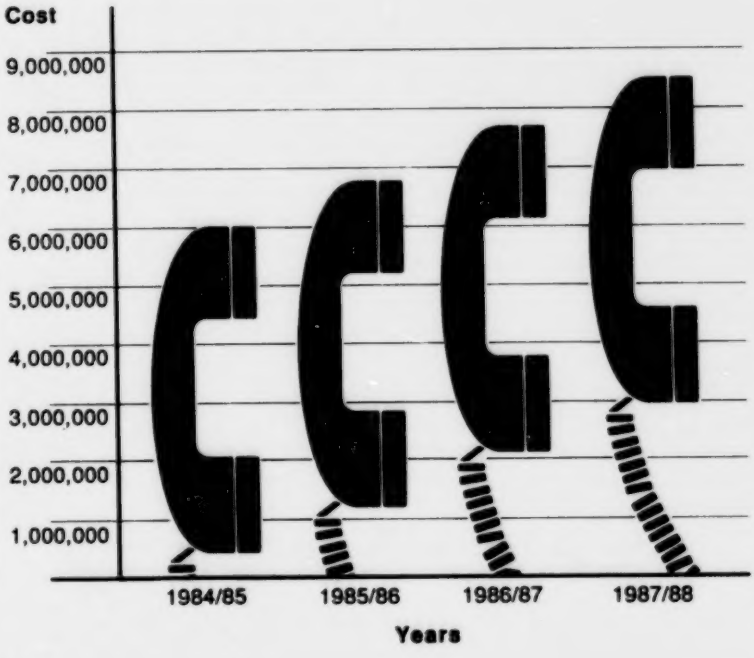
> providing for the installation, relocation, and rearrangement of equipment and telecommunication lines

Governments must be able to function properly in today's world of high technology. Four sections provide the expertise for our sophisticated information systems including: Client Services, Computer Services, Systems Development and Support, and Telecommunications Services.

This demanding environment means that staff must be knowledgeable regarding the latest developments in telecommunications, micrographics and data processing technology.

As this technology changes, the need for our services grows. During the past year, there was an expansion of applications running at the central computing center. Several major new applications were implemented for client departments, requiring an increase in computing resources.

Telecommunications Costs



Overview

Client Services, which is responsible for the majority of equipment acquisitions, experienced a major increase in the number of tenders issued during the past year. Individual tender calls increased from 150 to 234, while the value of computer capital equipment acquisitions decreased from the previous year. The value of contracted systems consulting and development services increased slightly from $984,324 to $1,053,877.

There was also an increased demand for computing resources due to an expansion of applications running at the central computing center and the implementation of several new applications for client departments. To meet this increased demand, two IBM model 3083BX computers were replaced with one IBM model 3090-200E in July of 1987.

Along with expansion at the central site, **Computer Services** saw a significant increase in the number of devices installed in departments and connected to the central location. The number of installed terminal devices increased by over 50 percent to approximately 325.

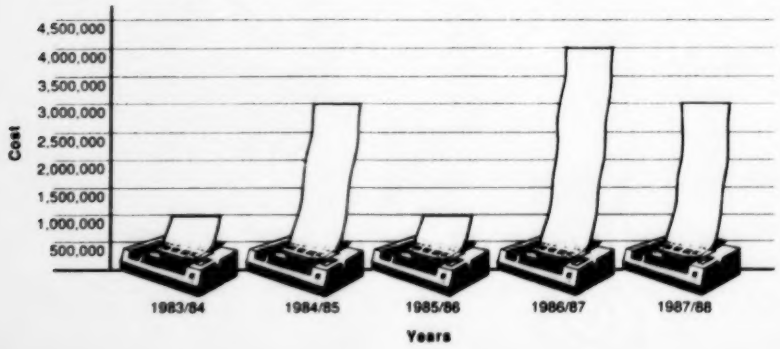
To accommodate connections to the Provincial Data Center, as well as to the Department of Finance computer center, multiplexor devices were installed. These devices consolidate data circuits using different communications protocols.

The **Systems Development and Support** section was involved with the development and installation of several new application systems for client departments in 1987-88. By far, the most ambitious project staff undertook was the Motor Vehicle Licensing application which was implemented in January of 1988. Some delays were experienced in processing as Registry of Motor Vehicle staff became familiar with the new system—which is now being very well received.

The **Telecommunications Services** section continued its initiatives to modernize the government's telephone systems and to control costs. Departmental relocations contributed greatly to the workload for staff. These relocations generally involved simultaneous conversion to the more efficient digital centrex service.

The overall cost of telecommunications continued to rise, due to increased use, tariff revisions and changes in taxation on long distance service. That is why it is essential to actively manage this service. In the last quarter of the year, WATS facilities were implemented for the Halifax user base. The service applies to long distance calls within the Maritime provinces. Thanks to favourable tariff structures and proper sizing of the service, a cost reduction of 20 percent was achieved on applicable long distance calls.

Computer Capital Equipment Aquisitions



Highlights

> In the continuing effort to streamline and improve operations, Computer Services phased out a Computer Output to Microfilm (COM) operation which had been established in 1978. This service is now contracted out to the private sector. Conventional micrographics activities using planar and rotary cameras are still conducted by staff.

> The Systems Development and Support section has implemented a centralized automated budgeting application on behalf of Management Board.

> Systems Development and Support was also involved in implementing several new systems for client departments including: a Provincial Court Information System for the Attorney General, a Fisheries Loan System for the Fisheries Loan Board, a Leave Reporting System for the Civil Service Commission, and a Demographic Statistics system for the Department of Health and Fitness.

> The Telecommunications Services section has now converted 50 percent of the government's telephones to digital centrex technology. By year-end, approximately 2500 had been converted. The new system is more modern, efficient and cost-effective.

New Initiatives

> To improve our communication network, Computer Services has installed multiplexors in combination with protocol convertors. This allows non-IBM terminals to access common systems operating at both the Provincial Data Center and the Department of Finance, using common data communications circuits.

> Systems Development and Support Staff are committed to several multi-year development projects including a new Human Resource Management System for Management Board, and a new Assessment/Appraisal System for the Department of Municipal Affairs—making the business of government more efficient.

> The Telecommunications Services section has begun a modernization plan for government telephones in Sydney, Cape Breton. Telephones will be converted to the more efficient digital centrex technology.

> In 1987-88, 1.8 million long distance calls valued at $3.4 million accounted for 40 percent of the government's telecommunications costs. Plans are underway to extend the WATS service to the rest of Canada, and to implement it for the Sydney user base. It is expected that the expansion of the WATS service will significantly reduce costs.

DESIGN AND CONSTRUCTION SERVICES

Tenders Awarded

Contract Number	Location	Project Title	General Contractor	Contract Amount
87-01C	Bible Hill	East Court Elem. School	Hub Realty Ltd.	$ 767,529.00
87-03C	Truro	Valley Elem. School, Addition	Trimac Const.	$ 1,402,000.00
87-03C	Amherst	Amherst Jr. High	Melanson Enter.	$ 3,784,565.00
87-04C	Halifax	Veteran's Memorial Hospital Phase 3C, Landscaping	Municipal Const. Ltd. and Elmsdale Landscaping Ltd.	$ 292,835.00
87-05C	Truro	Princess Margaret Rose Elementary, Addition	Canon Managemnt Services Ltd.	$ 864,953.00
87-06C	Freeport	Islands Cons. School	Daley's Const.	$ 615,000.00
87-07C	Lr. Sackville	Millwood High School - Site Development	Tidewater Const.	$ 309,850.00
87-07.1C	Lr. Sackville	Millwood High School	Erskine Bldg. Const. Ltd.	$ 5,732,000.00
87-08C	Bridgewater	South Shore Regional Hospital, Phase 4 Landscaping and Signage	Acadia/Imagecom - Atlantic Cobble Stone - Terra Nova Landscaping	$ 642,200.00
87-10C	New Minas	New Minas Middle School	Blunden Const.	$ 2,959,158.00
87-28C	Middle Musq.	Forest Nursery & Education Complex	LeFleche Const.	$ 5,122,329.00
87-30C	Lr. Sackville	Millwood Elementary School	LeFleche Const.	$ 2,369,500.00
87-39C	Sherbrooke	St. Mary's High	Rocca Const.	$ 3,819,000.00
87-49C	Stellarton	Museum of Industry & Transportation - Site Development	S.W. Weeks Const.	$ 447,630.00
87-53C	Mulgrave	Mulgrave Memorial High Addition & Alterations	Lundrigans Const.	$ 3,105,323.00
87-55C	Beddeck	DOT Garage	Eugene MacNeil & Sons Co. Ltd.	$ 138,930.00
87-67C	Glace Bay	Glace Bay High School - Site Development	Coastal Const. Excavation	$ 443,126.00
87-88C	Gulf Shore	Northumberland Golf Course	Atlantic Golf Const. Ltd.	$ 1,279,415.00

Contract Number	Location	Project Title	General Contractor	Contract Amount
87-89C	Bible Hill	NSAC - Wood Chip Boiler	Blunden Const.	$ 1,047,306.00
87-91C	Dominion	Dominion Beach Core Facility - Lands & Forests	Maritime Builders Ltd.	$ 198,987.00
87-93C	Liverpool	Queens General Hospital Addition & Alterations	Trident Const.	$ 2,007,000.00
87-115C	Halifax	Centennial Bldg., VGH MRI Unit	Rocca Const.	$ 565,000.00
87-125C	Bible Hill	NSAC - Fur Unit Bldg.	Flagship Const (NS) Ltd.	$ 378,278.00
87-124C	Halifax	Halifax Infirmary - Demolition of Existing Buildings	Atlantic Demolition & Salvaging Inc.	$ 43,500.00
87-146C	Stellarton	Museum of Industry & Transportation	LeFleche Const.	$ 7,164,268.00
				$ 45,499,682.00

SYSTEMS AND COMPUTER SERVICES

Tenders Awarded

Contract Number	Project Title	General Contractor	Contract Amount
GS 87-1 SCE	Microcomputer system for Public Archives of Nova Scotia	Datamaster	$ 9763.39
GS 87-2 SCE	Microcomputer upgrade for Health & Fitness	Business Bits & CPUs	$ 5883.45
GS 87-3 SCE	Scanner & Psychology software for Health & Fitness	Micro Products Ltd	$ 6370.00
GS 87-4 SCE	Microcomputer Terminal & boards for Health & Fitness	Computer Lab	$ 8360.00
GS 87-5 SCE	Pension Administration system for Teachers Pension Commission	Wm. M. Mercer	$ 299240.00
GS 87-6 SCE	Hardware maintenance contract for Advanced Education & Job Training	Entre Computer Ctre	$ 2030.00
GS 87-7 SCE	Microcomputer hardware & software for Community Services	Datamaster	$ 18075.00
GS 87-8 SCE	Microcomputers for Community Services	Datamaster	$ 23907.00
GS 87-9 SCE	Training Microcomputers for Government Services	Kobetek	$ 9340.00
GS 87-10 SCE	Microcomputer system for Government Services	Datamaster	$ 4144.37
GS 87-11 SCE	Strategic planning study for Victoria General Hospital	Medicus Canada	$ 20500.00
GS 87-12 SCE	Data entry services for Health & Fitness	Eastern Systems Design	$ 2750.00
GS 87-16 SCE	Microcomputer system for Health & Fitness	Kobetek	$ 2335.00
GS 87-17 SCE	Microcomputer system for Government Services	Datamaster	$ 7782.64
GS 87-18 SCE	Microcomputer components for Government Services	Datamaster	$ 4270.00
GS 87-19 SCE	Desk-top publishing system for Mines & Energy	ComputerLand	$ 15361.00
GS 87-20 SCE	Microcomputer Memory upgrade for Community Services	Datamaster	$ 1900.00
GS 87-21 SCE	Microcomputers for Mines & Energy	ComputerLand	$ 35990.00
GS 87-22 SCE	Microcomputer-based word processing Transportation & Communications	Microcomputer Atlantic	$ 1919.00
GS 87-23 SCE	French text printer for Transportation & Communications	Microcomputer Atlantic	$ 1478.00

Contract Number	Project Title	General Contractor	Contract Amount
GS 87-24 SCE	Microcomputer for Transportation & Communications	Kobetek	$ 3625.00
GS 87-25 SCE	Microcomputer system for Human Rights Commission	Kobetek	$ 3645.00
GS 87-26 SCE	Microcomputer for Education	Kobetek	$ 4414.00
GS 87-27 SCE	Maintenance management system for Transportation & Communications	Renascence Systs	$ 23700.00
GS 87-28 SCE	Document folder for Government Services	FAM Enterprises	$ 1770.00
GS 87-29 SCE	Microcomputer systems for Labour	Microcomputer Atlantic	$ 8839.00
GS 87-30 SCE	Municipal statistics system for Municipal Affairs	Synerlogic	$ 7500.00
GS 87-31 SCE	Apple Microcomputer systems for Education	Atlantis & Apple Cda	$ 36771.00
GS 87-32 SCE	Surveying software for Transportation & Communications	Norman Wade	$ 2160.00
GS 87-33 SCE	Apple Microcomputers for Health & Fitness	Apple Canada c/o Mensa	$ 9653.00
GS 87-34 SCE	Microcomputer systems for Municipal Affairs	Datamaster	$ 13015.46
GS 87-35 SCE	Microcomputer Software for Municipal Affairs	Business Bits & CPUs	$ 3914.00
GS 87-36 SCE	Microcomputer system for Attorney General	Business Bits & CPUs	$ 1870.00
GS 87-37 SCE	Microfilm services & equipment for Attorney General	Bell & Howell	$ 216007.00
GS 87-38 SCE	Software for Health & Fitness	PMS Ltd.	$ 4295.00
GS 87-39 SCE	Microcomputer system for Health & Fitness	Business Bits & CPUs	$ 4631.00
GS 87-40 SCE	Word processor for Finance	Xerox	$ 4405.00
GS 87-41 SCE	Microcomputer system for Finance	Kobetek	$ 1120.00
GS 87-42 SCE	Tape drives & printer for Fisheries	Datamaster	$ 5935.00
GS 87-43 SCE	Printer & software for Health & Fitness	Computer Access	$ 4185.00
GS 87-44 SCE	Library system for NS Commission on Drug Dependency	Sydney Develop. Corp	$ 4875.00
GS 87-45 SCE	Microcomputer for NS Commission on Drug Dependency	Business Bits & CPUs	$ 4530.00

Contract Number	Project Title	General Contractor	Contract Amount
GS 87-46 SCE	Microcomputer system for Lands & Forests	Kobetek	$ 7586.20
GS 87-47 SCE	Microcomputers for Health & Fitness	Computer Access	$ 5085.00
GS 87-48 SCE	Printer for Agriculture & Marketing	Datamaster	# 1399.27
GS 87-49 SCE	Statistical software for Fisheries	ComputerLand	$ 4079.00
GS 87-50 SCE	Microcomputers for Education	AES Data Ltd.	$ 6521.38
GS 87-51 SCE	Microcomputer system for Housing	Business Bits & CPUs	$ 4703.00
GS 87-52 SCE	Disk drive for Advanced Education & Job Training	Hewlett-Packard	$ 5052.38
GS 87-53 SCE	Microcomputer systems for Agriculture & Marketing	Business Bits & CPUs	$ 9453.00
GS 87-54 SCE	MIS facilities study for Attorney General	Synerlogic	$ 67539.20
GS 87-55 SCE	Microcomputer for Finance	Business Bits & CPUs	$ 3751.00
GS 87-56 SCE	Microcomputer for Attorney General	Business Bits & CPUs	$ 3751.00
GS 87-58 SCE	Geographic info system study for Agriculture & Marketing	Tomlinson Associates	$ 29474.00
GS 87-59 SCE	Microcomputer systems for Agriculture & Marketing	Minicomp Systems	$ 48685.00
GS 87-60 SCE	Consulting Services for Attorney General	Synerlogic	$ 70000.00
GS 87-61 SCE	Consulting Services for Management Board	Darlene DeYoung	$ 55800.00
GS 87-62 SCE	Installation services for Government Services	John F. Greig	$ 1000.00
GS 87-64 SCE	Microcomputer for Tourism & Culture	Datamaster	$ 6243.00
GS 87-65 SCE	Microcomputer for Tourism & Culture	Datamaster	$ 5425.00
GS 87-66 SCE	Printing Services for Municipal Affairs	Logidec	$ 8679.18
GS 87-67 SCE	Minicomputer hardware for Agriculture & Marketing	Data Terminal Mart	$ 27974.00
GS 87-68 SCE	Microcomputer for Tourism & Culture	Business Bits & CPUs	$ 4749.00
GS 87-69 SCE	Vehicle enumeration system for Tourism & Culture	DGS Group Ltd	$ 4700.00
GS 87-70 SCE	Rate analysis study for Government Services	DMR Group inc	$ 3500.00
GS 87-71 SCE	Microcomputer systems for Lands & Forests	Kobetek	$ 48986.00

Contract Number	Project Title	General Contractor	Contract Amount
GS 87-72 SCE	Microcomputer System for Victoria General Hospital	P C Plus Atlantic	$ 5676.50
GS 87-73 SCE	Portable Microcomputers for Mines & Energy	Datamaster	$ 25175.00
GS 87-74 SCE	Microcomputers & Software for Cabinet Secretariat	ComputerLand	$ 24441.00
GS 87-75 SCE	Word processing software for Teachers Pension Commission	Digital Equipment	$ 9709.00
GS 87-76 SCE	Microcomputer systems for Advanced Education & Job Training	Kobetek	$ 26559.00
GS 87-77 SCE	Accounting software for Advanced Education & Job Training	Computer Associates	$ 3680.00
GS 87-78 SCE	Microcomputer for Mines & Energy	Dymaxion	$ 1967.00
GS 87-79 SCE	Microcomputers for Transportation & Communications	Computer Access	$ 43864.00
GS 87-80 SCE	Microcomputers for Advanced Education & Job Training	Computer Access	$ 12567.00
GS 87-81 SCE	Microcomputer for N. S. Government Purchasing Agency	Halifax Office Prods	$ 4895.00
GS 87-82 SCE	Printer for N. S. Government Purchasing Agency	Harbour City Stat'y	$ 1575.00
GS 87-83 SCE	Microcomputers for Transportation & Communications	Business Bits & CPUs	$ 74142.00
GS 87-84 SCE	Microcomputer for Transportation & Communications	Kobetek	$ 4316.00
GS 87-85 SCE	Printers for Transportation & Communications	Datamaster	$ 6735.00
GS 87-86 SCE	Plotters for Transportation & Communications	Datamaster	$ 39700.00
GS 87-87 SCE	Disk backup systems for Transportation & Communications	Datamaster	$ 3915.00
GS 87-88 SCE	Statistical software packages for Transportation & Communications	Datamaster	$ 10010.00
GS 87-89 SCE	Graphics software for Transportation & Communications	Computer Access	$ 1169.10
GS 87-90 SCE	Surveying Software for Transportation & Communications	Norman Wade	$ 27240.00

Contract Number	Project Title	General Contractor	Contract Amount
GS 87-91 SCE	Statistical Software for Transportation & Communications	Sharp Associates	$ 3150.00
GS 87-92 SCE	Programming services for N. S. Government Purchasing Agency	Int'l Computer Group	$ 500.00
GS 87-93 SCE	Microcomputer for Auditor General	Business Bits & CPUs	$ 6597.90
GS 87-94 SCE	Data entry services for Municipal Affairs	Computer Access	$ 5670.00
GS 87-95 SCE	Software for Advanced Education & Job Training	Microage	$ 16260.00
GS 87-96 SCE	Microcomputer system for Health & Fitness	Computer Access	$ 2793.00
GS 87-97 SCE	Microcomputer for Mines & Energy	Dymaxion	$ 2261.13
GS 87-101 SCE	Microcomputer system for Government Services	Computer Access	$ 3324.00
GS 87-102 SCE	Word processor for Lands & Forests	Xerox Canada	$ 3495.00
GS 87-103 SCE	Microcomputer system for Lands & Forests	Kobetek	$ 5436.00
GS 87-104 SCE	Microcomputers for Lands & Forests	Kobetek	$ 8292.02
GS 87-105 SCE	Printer & software for Attorney General	Business Bits & CPUs	$ 1905.20
GS 87-106 SCE	Microcomputer system for Education	ComputerLand	$ 4730.00
GS 87-107 SCE	Microcomputer systems for Education	Kobetek	$ 2230.00
GS 87-108 SCE	Apple Microcomputers for Education	Apple Canada	$ 4878.00
GS 87-109 SCE	Printer for Finance	Business Bits & CPUs	$ 1400.00
GS 87-110 SCE	Microcomputer for Fisheries	Business Bits & CPUs	$ 3970.00
GS 87-111 SCE	Microcomputer for Education	Business Bits & CPUs	$ 3865.00
GS 87-112 SCE	Microfilm system for Transportation & Communications	Kodak	$ 85949.31
GS 87-113 SCE	Microcomputer systems for Agriculture & Marketing	Kobetek	$ 7280.00
GS 87-114 SCE	Assessment Notices printing for Municipal Affairs	Drummond Bus. Forms	$ 69440.00
GS 87-115 SCE	Microcomputer for Agriculture & Marketing	Kobetek	$ 4934.00
GS 87-116 SCE	Microcomputer for Culture, Recreation & Fitness	Business Bits & CPUs	$ 6188.00

Contract Number	Project Title	General Contractor	Contract Amount
GS 87-117 SCE	Network management training for Government Services	Motorola	$ 2300.00
GS 87-118 SCE	Microcomputers for Finance	Kobetek	$ 10692.00
GS 87-119 SCE	Microcomputer systems for Office of the Speaker	Datamaster	$ 44098.00
GS 87-120 SCE	Minicomputer hardware for Agriculture & Marketing	Mandala	$ 9080.00
GS 87-122 SCE	Microcomputers for Advanced Education & Job Training	Business Bits & CPUs	$ 55024.00
GS 87-123 SCE	Microcomputers & printers for Advanced Education & Job Training	Computers On Ltd.	$ 6714.00
GS 87-124 SCE	Microcomputer system for Advanced Education & Job Training	Lantz Electronics	$3850.00
GS 87-125 SCE	Programming Services for Municipal Affairs	Synerlogic	$ 8750.00
GS 87-126 SCE	Microcomputer for Government Services	Microcomputer Atlantic	$ 2770.00
GS 87-127 SCE	Word processor upgrade for Education	Riteline Office Equip	$ 3050.00
GS 87-128 SCE	Tape back-up system for Housing	Lynx Tech Services	$ 2050.00
GS 87-129 SCE	Microcomputer system for Transportation & Communications	Business Bits & CPUs	$ 1753.00
GS 87-130 SCE	Microcomputer system for NS Commission on Drug Dependency	Business Bits & CPUs	$ 4530.00
GS 87-131 SCE	Microcomputer systems for Advanced Education & Job Training	Business Bits & CPUs	$ 9754.00
GS 87-132 SCE	Microcomputer system for Advanced Education & Job Training	Business Bits & CPUs	$ 9246.00
GS 87-133 SCE	Apple Microcomputer systems for Advanced Education & Job Training	Apple Canada	$ 10335.00
GS 87-134 SCE	Programming services for Cabinet Secretariat	Synerlogic	$ 8715.00
GS 87-135 SCE	Microcomputer system for Agriculture & Marketing	Minicomp	$ 1240.00
GS 87-136 SCE	Microcomputers for Community Services	Microcomputer Atlantic	$ 4016.83
GS 87-137 SCE	Laser printer for Community Services	Datamaster	$ 3185.00
GS 87-138 SCE	Microcomputer hardware for Government Services	Compugraphic Canada	$ 4104.80

Contract Number	Project Title	General Contractor	Contract Amount
GS 87-139 SCE	Accounting software for Advanced Education & Job Training	Computer Associates	$ 3450.00
GS 87-140 SCE	Microcomputer systems for Advanced Education & Job Training	Minicomp	$ 10575.00
GS 87-141 SCE	Microcomputer upgrades for Advanced Education & Job Training	ComputerWorld	$ 2175.00
GS 87-142 SCE	Printer for Government Services	Kobetek	$ 789.00
GS 87-143 SCE	Terminal equipment for Transportation & Communications	Mohawk Data Sciences	$ 84650.00
GS 87-144 SCE	Microcomputer systems for Advanced Education & Job Training	Hitech	$ 129864.61
GS 87-145 SCE	Programming services for Municipal Affairs	Synerlog/Appl Mgmt Con	$ 36350.00
GS 87-147 SCE	Microcomputer for Finance	Minicomp	$ 6777.00
GS 87-148 SCE	Microcomputer systems for Community Services	Datamaster	$ 71195.00
GS 87-149 SCE	Microcomputer system for Mines & Energy	Datamaster	$ 10983.00
GS 87-150 SCE	Microcomputer for Government Services	Minicomp	$ 5435.00
GS 87-151 SCE	Microcomputer for Advanced Education & Job Training	Minicomp	$ 5179.00
GS 87-153 SCE	Microcomputers for Finance	Minicomp	$ 8680.00
GS 87-154 SCE	Microcomputers for Finance	Kobetek	$ 8765.00
GS 87-155 SCE	Microcomputer printers for Finance	Datamaster	$ 18493.00
GS 87-156 SCE	Lap-top Microcomputers for Finance	Tandy Comp Ctre (Dart)	$ 17375.88
GS 87-157 SCE	Computer software for Finance	Hewlett-Packard	$ 13594.50
GS 87-158 SCE	Printer for Health & Fitness	Electro Maintenance	$ 2315.00
GS 87-159 SCE	Programming services for Government Services	Derrick W. Simm	$ 1500.00
GS 87-160 SCE	Terminal for Management Board	Mar Tel & Tel	$ 2755.00
GS 87-161 SCE	Computer software for Finance	Brant Comp Svcs	$ 3600.00
GS 87-162 SCE	Computer software for Finance	M B Foster Assoc	$ 2485.00

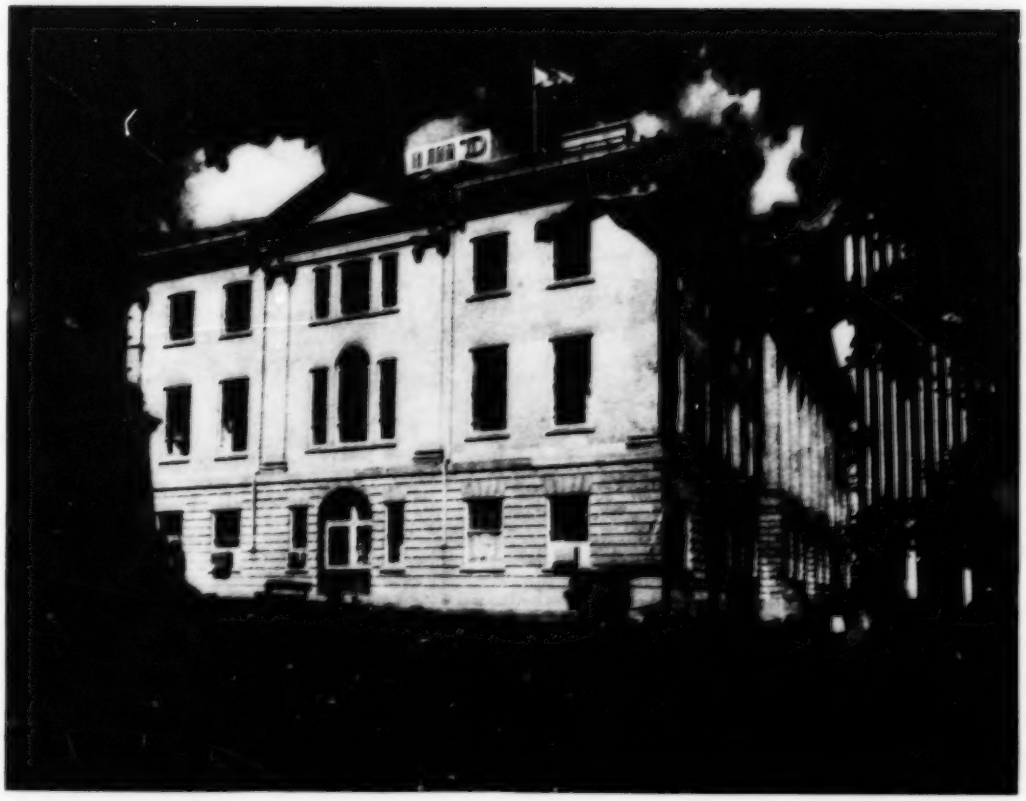
Contract Number	Project Title	General Contractor	Contract Amount
GS 87-163 SCE	Microcomputer for Advanced Education & Job Training	Business Bits & CPUs	$ 3917.00
GS 87-164 SCE	Microcomputer systems for Advanced Education & Job Training	Business Bits & CPUs	$ 11545.00
GS 87-165 SCE	Microcomputer for Advanced Education & Job Training	Business Bits & CPUs	$ 3062.00
GS 87-166 SCE	Microcomputer for Agriculture & Marketing	Kobetek	$ 1773.00
GS 87-167 SCE	Word processors for Municipal Affairs	Xerox	$ 2337.75
GS 87-168 SCE	Microcomputer Accessories for Government Services	Micro Age	$ 1454.00
GS 87-169 SCE	Database software for Advanced Education & Job Training	Relational Technology	$ 18200.00
GS 87-170 SCE	Computer Memory upgrade for Advanced Education & Job Training	Digital Equipment	$ 7159.89
GS 87-171 SCE	Microcomputers for Advanced Education & Job Training	Datamaster	$ 71407.00
GS 87-172 SCE	Microcomputer for Lands & Forests	Kobetek	$ 5066.00
GS 87-173 SCE	Drafting software for Advanced Education & Job Training	Microage	$ 2395.00
GS 87-174 SCE	Microcomputer for Community Services	Minicomp	$ 1240.00
GS 87-175 SCE	Drafting Microcomputer system for Housing	MicroAge	$ 41025.00
GS 87-176 SCE	Software for Finance	Cognos	$ 10290.00
GS 87-177 SCE	Microcomputer systems for Advanced Education & Job Training	Business Bits & CPUs	$ 34964.00
GS 87-178 SCE	Microcomputer for Education	Kobetek	$ 1593.00
GS 87-179 SCE	Microcomputer system for Government Services	Team Syst Integrators	$ 5465.00
GS 87-180 SCE	Printer for Advanced Education & Job Training	ComputerLand	$ 1722.00
GS 87-181 SCE	Microcomputer for Health & Fitness	Microcomputer Atlantic	$ 7435.60
GS 87-182 SCE	Microcomputers for Lands & Forests	Minicomp	$ 10891.00

Contract Number	Project Title	General Contractor		Contract Amount
GS 87-184 SCE	Disk drives for Advanced Education & Job Training	Datamaster	$	1330.00
GS 87-185 SCE	Desktop publishing system for Health & Fitness	ComputerLand	$	18211.00
GS 87-186 SCE	Microcomputer maintenance for Finance	Olivetti	$	8810.00
GS 87-187 SCE	Consulting services for Management Board	Cabot Group	$	1500.00
GS 87-188 SCE	Microcomputers for Community Services	Microcomputer Atlantic	$	8475.00
GS 87-189 SCE	Microcomputers for Community Services	Datamaster	$	3029.00
GS 87-190 SCE	Printers & Software for Community Services	Datamaster	$	11190.00
GS 87-191 SCE	Software for Advanced Education & Job Training	Digital Equipment	$	2113.00
GS 87-192 SCE	Disk drives for Advanced Education & Job Training	Datamaster	$	2290.00
GS 87-193 SCE	Microcomputer for Health & Fitness	Microcomputer Atlantic	$	3045.60
GS 87-194 SCE	Microcomputer for Transportation & Communications	Kobetek	$	1801.00
GS 87-195 SCE	Memory and disk drive for Advanced Education & Job Training	Hewlett-Packard	$	4269.00
GS 87-196 SCE	Local area network system for Mines & Energy	Datamaster	$	36039.00
GS 87-197 SCE	Microcomputer for Lands & Forests	Minicomp	$	4864.00
GS 87-198 SCE	Microcomputer systems for Fisheries	Datamaster	$	15710.00
GS 87-199 SCE	Microcomputers for Municipal Affairs	Datamaster	$	34405.00
GS 87-200 SCE	Software for Transportation & Communications	Wesson Enterprises	$	2673.00
GS 87-201 SCE	Workstations for Advanced Education & Job Training	Olivetti Canada	$	10523.00
GS 87-202 SCE	Microcomputers for Advanced Education & Job Training	Atari Canada Corp.	$	1832.00
GS 87-203 SCE	Microcomputers for Advanced Education & Job Training	ComputerLand	$	19508.50
GS 87-204 SCE	Microcomputers for Advanced Education & Job Training	Microcomputer Atlantic	$	17925.41

Contract Number	Project Title	General Contractor	Contract Amount
GS 87-205 SCE	Microcomputers for Advanced Education & Job Training	Hitech	$ 15947.57
GS 87-206 SCE	Microcomputer for Advanced Education & Job Training	ComputerLand	$ 6505.00
GS 87-207 SCE	Drafting software for Advanced Education & Job Training	MicroAge	$ 2395.00
GS 87-208 SCE	Digitizer for Lands & Forests	Gentian Electronics	$ 3770.60
GS 87-209 SCE	Memory upgrade and coprocessor for Advanced Education & Job Training	Digital Equipment	$ 2750.00
GS 87-210 SCE	Software for Lands & Forests	Datamaster	$ 913.00
GS 87-211 SCE	Word Processing software for Lands & Forests	ComputerLand	$ 5440.00
GS 87-212 SCE	Microcomputer systems for Education	Team Syst Integrators	$ 33157.91
GS 87-213 SCE	Microcomputers & printers for Attorney General	Apple Canada	$ 95903.00
GS 87-214 SCE	Monitors & hardware for Government Services	Datamaster	$ 14326.00
GS 87-215 SCE	Software for Finance	Business Bits & CPUs	$ 3523.00
GS 87-216 SCE	Laser printer for Agriculture & Marketing	Mandala	$ 7420.00
GS 87-217 SCE	Workstations for Management Board	Mar Tel & Tel	$ 5590.00
GS 87-218 SCE	Educational software for Advanced Education & Job Training	Lotus Development Corp	$ 1188.00
GS 87-219 SCE	Microcomputers and network software Advanced Education & Job Training	Datamaster	$ 12649.00
GS 87-220 SCE	Portable Microcomputer for Health & Fitness	ComputerLand	$ 8499.00
GS 87-221 SCE	Microcomputers for Municipal Affairs	Datamaster	$ 25153.00
GS 87-222 SCE	Microcomputers for Environment	Datamaster	$ 14900.00
GS 87-223 SCE	Software for Mines & Energy	Datamine Canada Ltd	$ 20850.00
GS 87-224 SCE	Microcomputer accessories for Government Services	Datamaster	$ 9870.00
GS 87-225 SCE	Microcomputer accessories for Community Services	Datamaster	$ 6640.00

Contract Number	Project Title	General Contractor	Contract Amount
GS 87-226 SCE	Digitizer and software for Mines & Energy	Datamaster	$ 1787.00
GS 87-227 SCE	Microcomputer upgrade for Government Services	Datamaster	$ 1350.00
GS 87-228 SCE	Laptop Microcomputer for Tourism & Culture	ComputerLand	$ 3061.00
GS 87-229 SCE	Microcomputer for Housing	Minicomp	$ 5158.90
GS 87-230 SCE	Microcomputer for Advanced Education & Job Training	Kobetek	$ 3158.00
GS 87-231 SCE	Microcomputer system for Lands & Forests	Yould's	$ 8161.00
GS 87-232 SCE	Disk drive for Government Services	Kobetek	$ 1195.00
GS 87-233 SCE	Microcomputer for Education	Kobetek	$ 1593.00
GS 87-234 SCE	Microcomputer systems for Attorney General	Microcomputer Atlantic	$ 7320.00

Province House Old



Province House New